Saflok Quantum™

Quantum™ sectional trim lock, with its minimal physical impact on design aesthetics, provides "worry-free" performance. This sectional trim design is available in two configurations: the Quantum MT™ (insertion card reader) and the Quantum RFID (radio frequency identification) locks. SAFLOK's robust ANSI Grade 1 mortise set (an integral feature in SAFLOK MT™ and Odyssey™) is combined with sophisticated technology to provide reliable security while offering minimalist design.

Features & benefits

Quantum™ MT™
- Features robust ANSI Grade 1 mortise
- Multi-technology enabled reading smart, magstripe and memory key cards
- Wide range of handle styles and finishes for choice
- Stores up to 5,900 events
- Ease to up-grade to on-line system
- Automatic dead bolt
- Door ajar sensing mortise (optional)

Quantum™ RFID
- Features robust ANSI Grade 1 mortise
- Features contactless smart card technology
- Environmentally sealed proximity reader protects against climate extremes
- Open IR/RF architecture
- Ease to up-grade to on-line system
- Automatic dead bolt
- Door ajar sensing mortise (optional)

Quantum™ MT™ lock

Quantum MT provides all the conveniences and capabilities of the SAFLOK multi-technology lock series reading smart, memory and magstripe keycards.

Quantum™ MT™ features and benefits include:

- Custom ASIC circuit assembly
- Indicator lights integrated in card slot
- Stores up to 5,900 events
- 1" slim and discrete bezel
- Automatic dead bolt (ADB™)
- Open IR/RF architecture
- Energy management interface (optional)
- Lock audit/interrogation via smart card

For magstripe, memory, and smart keycards, SAFLOK recommends using the insertion and/or motorized encoders.

Quantum™ RFID lock

Quantum™ RFID lock is designed to answer the need when design and beauty are as equally important as technology and functionality. Using the latest in radio frequency technology, Quantum™ RFID and keycard communication is conducted via RF waves. With Quantum™ RFID, simply hold the keycard over the reader to cycle the lock.

Quantum RFID features and benefits include:

- Environmentally sealed reader protects against climate extremes
- LED lights displayed behind polycarbonate lens
- Energy management interface (optional)
- Open IR/RF architecture
- Contactless reader uses ISO communication platform
- Keycards are programmed using a "contactless" encoder
- Automatic dead bolt (ADB)

Saflok Quantum™

Optional Communication Technology

SAFLOK's optional communication technology (available only with the System 6000 front desk operating system) enables the Quantum lock to become part of a centralized access control and communication system including interfacing with the Messenger wireless lock access network and the Inncom energy management system.

Safe and Secure with SAFLOK

SAFLOK technical experts are available 24 hours a day, seven days a week for support. A worldwide leader in the development and manufacture of electronic lock systems, SAFLOK will help you achieve the highest levels of security, efficiency, and flexibility in your daily operations. The premier provider of stateof-the-art security programs for more than 25 years, SAFLOK has earned a stellar reputation for continuous quality improvement.

Specifications
Lock specifications may change without notice.

- ANSI Grade 1 mortise lock available in standard function, 1" (25 mm) throw dead bolt, and 3/4" (19 mm) throw dead-locking latch bolt
- 2-3/4" from door edge to lever (back set)
- Operates on standard AA alkaline battery pack
- Door thickness range: 1-3/4" – 2-1/8" for standard product
- Available with or without ADB mortise lock

Options
- "Door ajar" sensing mortise
- Custom designs available for thicker doors
- Inside escutcheon: 10-1/4" (260 mm) x 3-1/2" (89 mm)

Certification
- Certified by Underwriters Laboratories (UL) for doors up to a three-hour rating

Note
Quantum employs the electrified mortise certified to:
- ANSI 156.13-2002 American National Standard for mortise locks and latches. Grade 1 level for both security and operational requirements
- ANSI 156.25-2002 American National Standard for electrified locking devices

When ordering, please specify
- Total number of lock sets and spares
- Desired finish
- Door thickness and composition (wood or metal)
- Door preparation – consult SAFLOK for template
- Door frame composition – wood or metal frame and strike plate measurements

Saflok Odyssey™

With Odyssey™, SAFLOK has blended distinctive elegance and superior locking system

Advanced Engineering
Odyssey's custom circuit assembly includes an Intel processor, real-time clock, diagnostic circuitry, and software. All components are embedded in silicone to prevent moisture intrusion.

The FLASH memory stores more than a year's worth of lock data—as many as 5,900 entries. It provides audit information such as time and date of entry, as well as the ID code of the employee or guest using the keycard. Odyssey records entry into and egress from the room.
Odyssey's battery pack is solid soldered and insulated to ensure uninterrupted power. If the battery power is running low, an automatic alert is activated via a red light that is displayed with insertion of the keycard. This signal is given months before the battery needs to be replaced. If Messenger is employed, a low battery message is displayed on the computer screen months in advance. The programming and audit function remain intact during change-out.

Passage Mode
Compatible with access management systems that use magnetic stripe, smart card or memory card technology, Odyssey can be programmed to lock and unlock at targeted times allowing unrestricted entry during "passage" hours. Otherwise, the lock engages. This feature makes Odyssey ideal for perimeter, meeting room, and amenity area doors.

Features & benefits

- Features robust ANSI Grade 1 mortise
- Multi-technology enabled reading smart, magstripe and memory key cards
- Wide range of handle styles and finishes for choice
- LED lights embedded in card reader
- Records entry into an egress from the room
- Stores up to 5,900 events
- Ease to up-grade to on-line system
- Automatic dead bolt (optional)
- Door ajar sensing mortise

Flawless Finishes
Odyssey is available in seven durable, flawless finishes: satin chromium; satin or bright brass; polished, satin or pearl nickel; and oil-rubbed bronze. All of these finishes come with a variety of matching lever finishes and complementary lever designs. To maintain the original luster and color, most of Odyssey's finishes contain EHC™ — Environmentally Hardened Coating— that provides exceptional resistance to corrosion and abrasion. Perennially, Odyssey will maintain its original luster and color.

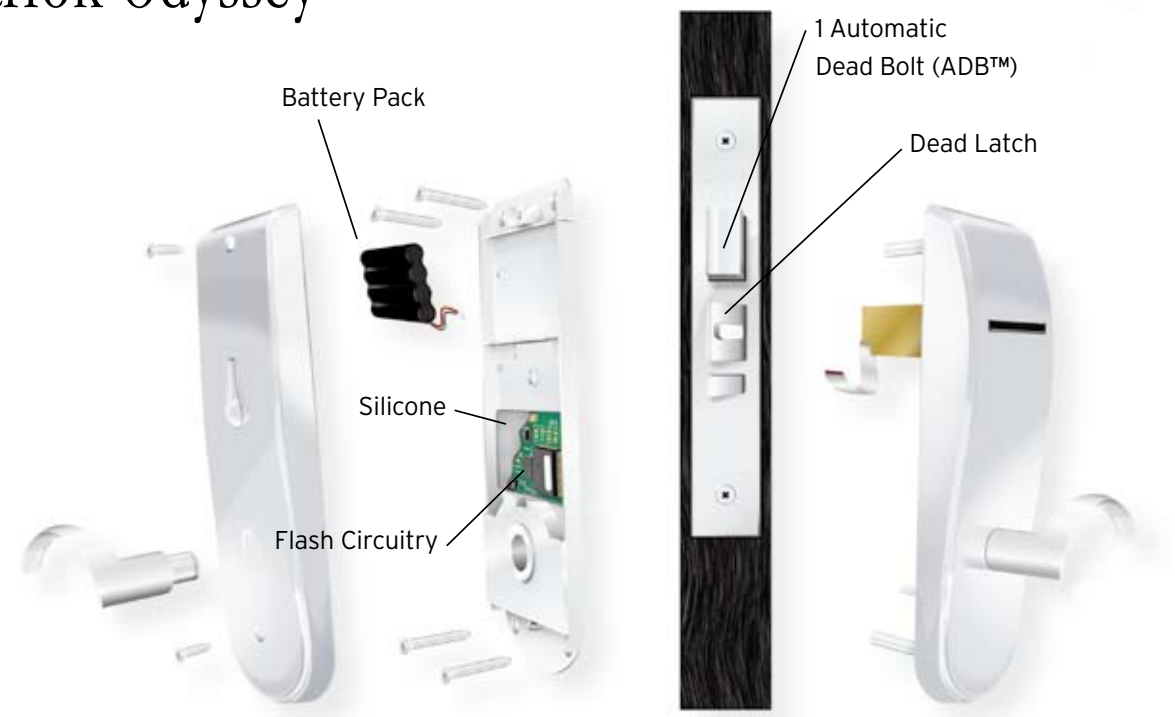
Odyssey's sleek design, curved edges, and flawless finishes complement the changing architectural and design demands of the luxury hospitality market. SAFLOK also replaced the LED access indicator lights of its previous lock models with an illuminated keycard slot to reinforce its clean, sophisticated façade.

Optional Automatic Dead Bolt (ADB™)
The SAFLOK automatic dead bolt has a two-point locking system. The 3/4" dead locking latch and 1" steel reinforced dead bolt engage with every door closing.

Optional Communication Technology
SAFLOK's optional communication technology (available only with the System 6000 front desk operating system) enables the Odyssey lock to become part of a centralized access control and communication system including interfacing with the Messenger wireless lock access network and the Inncom energy management system.

Safe and Secure with SAFLOK
SAFLOK technical experts are available 24 hours a day, seven days a week for support. A worldwide leader in the development and manufacture of electronic lock systems, SAFLOK will

Saflok Odyssey™



help you achieve the highest levels of security, efficiency, and flexibility in your daily operations. The premier provider of stateof-the-art security programs for more than 25 years, SAFLOK has earned a stellar reputation for continuous quality improvement.

Specifications

Odyssey is designed to accommodate an ASA 4-7/8" (125 mm) strike plate. Lock specifications may change without notice.

- Mortise lock available in standard function, ADB function with 1" (25 mm) throw dead bolt, and 3/4" (19 mm) dead locking latch bolt
- 2-3/4" backset
- Operates on standard AA alkaline battery pack
- Door thickness range 1-3/4" – 2-1/8" for standard product
- "Door ajar" sensing mortise

Options

- Custom designs available for thicker doors
- Escutcheon: 10-1/4" (260 mm) x 3-1/2" (89 mm)
- Armored front: 8" (203 mm) x 1-1/4" (32 mm) or 8" (203 mm) x 1-1/16" (27 mm)
- Compatible with Messenger wireless lock access network

Certification

- ANSI 156.13-2002 American National Standard for mortise locks and latches. Grade one level for both security and operational requirements
- ANSI 156.25-2002 American National Standard for electrified locking devices
- Certified by Underwriters Laboratories (UL) for use on fire doors up to 3-hour rating
- Accessibility Code (ADA) A117.1 for all levers

When ordering, please specify

- Total number of lock sets and spares
- Desired finish
- Door thickness and composition (wood or metal)
- Door preparation – consult SAFLOK for template
- Door frame composition – wood or metal frame and strike plate measurements

Saflok MT™

The SAFLOK MT is a multi-technology locking system that provides properties around the world with added levels of security and greater efficiency.

Inside the MT
At the heart of SAFLOK MT™ is the custom circuit assembly. This application specific integrated circuit (ASIC) includes an Intel processor, real-time clock, diagnostic circuitry, and software all embedded in silicone to protect it from moisture and ensure long-lasting functionality.

The non-volatile FLASH circuitry stores over a year's worth of lock data (or up to 5,900 entries) providing detailed audit-trail information such as date and time of the entry as well as the ID code of the employee or guest using the keycard.

The MT Lock is easy to use and works with the Windows-based System 6000™ and DeskLinc™ front desk systems.

The MT lock's battery pack is welded and insulated to ensure uninterrupted power. If the battery power is running low, it will alert you months in advance by displaying a red light when a keycard is inserted. This gives you ample time to replace the battery. During the change-out, the programming and audit trail information remain intact.

Features & benefits

- Features robust ANSI Grade 1 mortise
- Multi-technology enabled reading smart, magstripe and memory key cards
- Wide range of handle styles and finishes for choice
- Stores up to 5,900 events
- Automatic dead bolt (optional)
- Ease to up-grade to on-line system

Another benefit of the MT lock is that it is easy to upgrade without changing or removing hardware. New software features can be easily uploaded when desired upgrades become available.

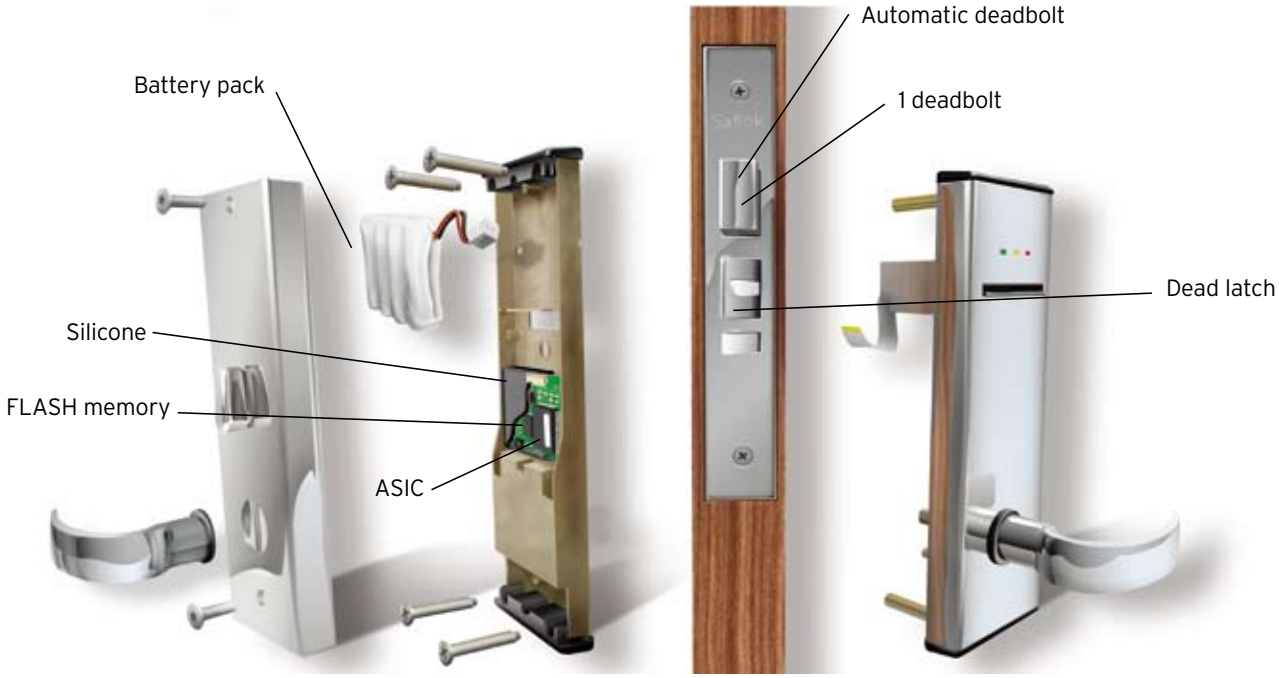
Automatic and keycard- activated latch
The MT lock can be programmed to lock and unlock at certain times of the day, allowing entry during "passage" hours and relocking during secure hours. This feature makes the MT lock ideal for perimeter, meeting room, and amenity area doors.

Optional Automatic Dead Bolt (ADB™)
The SAFLOK automatic dead bolt features a two-point locking system. The 3/4" deadlocking latch and 1" steel-reinforced dead bolt activate every time the door is closed providing increased protection against forced entry.

Optional Communication Technology
SAFLOK's optional communication technology (available only with the System 6000 front desk operating system) enables the MT lock to become part of a centralized access control and communication system, including interfacing with Messenger™ bi-directional wireless communication system and the INNCOM energy management system.

Safe and Secure with SAFLOK
SAFLOK understands the critical needs of today's property managers. When you partner with SAFLOK, you receive direct service from initial sales to aftermarket support – no middleman. Our technical experts are available 24 hours a day, seven days a week, to give you the support you need when you need it.

Saflok MT™



Specifications

All SAFLOK MTs are prepared to accept standard ASA 4-7/8" (125 mm) strike plate. Lock specifications may change without notice.

- Mortise lock available in standard function, ADB function, or mechanical key override with 1" (25 mm) throw dead bolt and 3/4" (19 mm) dead-locking latch bolt
- 2-3/4" from door edge to lever (backset)
- Operates on standard AA alkaline battery pack
- Door thickness range 1-3/4"– 2-1/8" for standard product

Options:

- Spacer plate available for retrofitting 1-3/8" thick doors
- Custom designs available for thicker doors
- Escutcheon: 9-3/4" (248 mm) x 3-1/2" (89 mm)
- Armored front: 8" (203 mm) x 1-1/4" (32 mm) or 8" (203 mm) x 1-1/16" (27 mm)

Certification:

- Certified by BHMA to be in compliance with ANSI 156.13-2002 American National Standard for mortise locks and latches. Grade 1 level for both security and operational requirements
- Certified by BHMA to be in compliance with ANSI 156.25-2005 American National Standard for electrified locking devices
- Certified by Underwriters Laboratories for use on fire doors up to a three-hour rating

When ordering specify:

- Total number of locksets and spares
- Desired finish
- Door thickness and composition (wood or metal)
- Door preparation – consult SAFLOK for template
- Door frame composition – wood or metal frame and strike plate measurements

Saflok Confidant MT™

Confidant MT™ is a stylish cylindrical latch solution. It combines modern design and expert engineering to present a multifaceted security option that fits seamlessly into any back-of-house security blueprint providing upgraded life safety and property security. It seamlessly integrates with existing SAFLOK installations.

Incorporating select features of SAFLOK's MT™, Confidant MT is compatible with the Windows-based System 6000™ and the stand-alone DeskLinc™ front desk operating system. As a multi-technology lock, it conveniently reads all three types of keycard media – smart, memory, and magstripe cards.

Confidant MT showcases a broad spectrum of features that make it a functional, flexible, and "in-demand" solution.

Easy Installation
Confidant MT makes it easy and economical to upgrade electronic locks throughout the back-of-house. It requires a standard cylindrical latch prep.

Non-volatile FLASH Memory
As common to SAFLOK multi-technology locks, Confidant MT employs non-volatile FLASH memory. It can store in excess of 5,900 entries. FLASH memory becomes especially useful in back-of-house applications, where employee tracking is crucial.

Features & benefits

- Ideal for upgrading existing
- Mechanical guest room locking systems or for improved back-of-house controls
- Offers versatility at an affordable price
- Easily integrates with existing SAFLOK solutions

Future Upgradability
With the capability of this FLASH memory, property managers can upload any new software introduced by SAFLOK without changing or removing any hardware.

Custom ASIC Microprocessor
At the heart of Confidant MT is SAFLOK's proprietary custom ASIC microprocessor, which uses an Intel processor, real-time clock, and diagnostic circuitry and software. This circuitry is silicone-encapsulated to improve resistance to moisture or other corrosive environmental elements.

Specification
- Compatible with a standard 2-3/4" and 2-3/8" backset
- Lock dimensions – 8" (L) x 2-1/2" (W) x 2-5/8" (Projection)
- Door thickness ranges from 1-3/8" to 2-1/8" for standard products (other sizes can be accommodated by special request)
- Escutcheon – 8" x 2-1/2"

Options
There are two lever options, i.e. Continental and Tubular

Continental is only available with the 4" rose plate and escutcheon, in a 26D finish.

Tubular is only availabe with the 3" rose plate and escutcheon, in 26D and US4 finishes.

Handles styles & finishes

Handle styles
(Vintage, Gala, Arc, and Apogee levers may not be available in all areas. Check local fire code.
Wide selection of custom levers available upon request. All SAFLOK electronic locks fitted with levers are ADA compliant.)

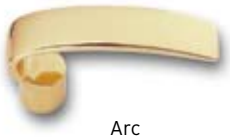
Vintage

Troy

Mesa**

Continental**

Gala


Arc

Apogee*

Knob

Notes:
*Only available for Odyssey
** Only available levers for Confidant MT

Finishes
(Actual finish color may differ slightly from printed example. Additional custom finishes are available upon request.)

Bright Stainless 629

Stain Brass+ 606

Stain Stainless 630

Bright Brass+ 605

Dark Mahogany 690

Oil-rubbed 613

Satin Bronze 612

Bright Chrome+ 625

Satin Chrome+ 626

+Champagne/ Satin Nickel 619

Notes:
+ Includes PVD/EHCTM finishes for Odyssey locks. Not all finishes are available for all products. Upcharges may apply

Escuteheon options (additional charges may apply)
Laser-etching, silk-screening, and embossed logos are all customized escutcheon options that SAFLOK offers. Please note that embossed logos are not available with the Odyssey lock.

SAFLOK MT escutcheon with custom embossed logo

Quantum MT underpate with custom silk-screened logo

SAFLOK MT escutcheon with custom laser-etched logo

Quantum RFID underplate

SAFLOK MT with custom vintage escutcheon

Saflok System 6000™

Only one solution provides the security of an access audit system, the ultimate in key management flexibility, and superior control throughout your property — SAFLOK's System 6000™. This Windows-based system is ready to interface with your existing property management system (PMS) and is completely customizable to best suit your property's specific needs. Delivering tomorrow's security solutions today, System 6000 is compatible with all current SAFLOK lock models such as MT™, Confidant MT™, Odyssey™, and the Quantum™ series.

System requirements

System 6000 software installs on any Windows-based PC and does not require separate client/server software. Simply insert the installation CD-ROM and follow the prompts.

System 6000 also uses industry standard TCP/IP network protocol, allowing properties to plug into their existing Ethernet networks. Additional property network and equipment requirements and recommendations can be referenced on the SAFLOK System 6000 Property Network Diagram document included with the Property Installation Kit.

Features & benefits

- Numerous username and password protection levels available — management, security personnel, front desk personnel, etc.
- Expedient lost/stolen key cancellation and replacement
- Keycard programmability customized to each user's access authorization
- Integrates with point-of-sale (POS) and other third-party applications
- Provides detailed system-use reports, including:
  - Key-making transactions
  - Key user/group authorizations
  - Keys issued reports

Keycard Encoders

SAFLOK offers several models of encoding equipment to match varying keycard capabilities. System 6000 supports all SAFLOK models, allowing properties to share these encoders on a network using TCP/IP, or connecting them directly to a PC over a serial or USB connection.

- **Insertion Encoder:**
Offers the sophistication, durability, and capability of a high-end, smart card encoder at a fraction of the cost and size. Encodes smart, magnetic stripe, and memory keycards

- **Motorized Smart Card Encoder:**
A motorized three-track encoder that can be used to encode any combination of smart, magnetic stripe, or memory keycards

- **Motorized Magstripe Encoder:**
Similar to the Motorized Smart Card Encoder, it only encodes magnetic stripe keycards

- **Contactless Smart Card Encoder:**
Used in conjunction with Quantum RFID sectional trim lock, this state-of-the-art compact contactless smart card reader and writer supports Mifare (ISO 14443A) keycards

- **Auto-Feed Encoder:**
A customized, proprietary system that is programmed for keycard encoding based on the property or kiosk manufacturer's specification (e.g., for guest self check-in)

Keycard features

SAFLOK's System 6000 includes the following standard key groups:
- Limited-use keys
- Fail-safe keys (automatically cancel out previous keys)
- Backup keys
- Dual-security keys
- Latching/unlatching keys
- Emergency keys
- Guest room, suite, and connector keys
- Staff keys

Saflok System 6000™

Additional System 6000™ features

· Key identification, verification and interrogation
Identifies key type, user (if possible), issue/expiration dates, and ID and generates key-use reports (smart / memory cards only).

With all SAFLOK multi-technology locks, System 6000 interrogates smart and memory cards and produces reports of up to 1,000 of the most recent uses, detailing the following information:
- Which locks the keycard attempted to open (successfully or unsuccessfully)
- Why the keycard could not open certain doors
- Which locks require battery changes
- Which locks have privacy activated

· Point-of-Sale and Tracks I & II:
Write in an ISO/ABA format on Tracks I & II of a magnetic stripe keycard, so it is customizable to each property's specific needs. Additional applications include:
- Charging at restaurants, stores, spas, vending machines, or private garage facilities
- Time and attendance activities
- Watchdog functions

· Handheld LPI (Lock programmer / Interrogator):
A portable, one-at-a-time method for quick, accurate lock programming and interrogation, as well as keycard diagnostics. Simply connect the LPI Interface Probe on one end of the device to an interface board that is inserted into the room lock

· Cancel-a-Key-ID (Individual Key Control):
Cancels specific keycard(s) without affecting or canceling other keys in use

· Extensive Reporting:
Provides properties with an extensive reporting feature that may be viewed onscreen, saved to a file, or printed. Reports include:
- User and authorization
- Transaction history
- Lock and key interrogation

Variable Features
When smart keycards are used, the variable key feature allows key encoding to access multiple rooms with one key. This is a valuable feature for assigning a key to a group chaperone, staff members, or contractors requiring access to a specific list of rooms. For added security, the smart keycard records activity that can be interrogated and printed.

Unique Features
System 6000 Plus is available as an upgrade to System 6000. It is flexible and completely customizable, allowing properties to implement simple design changes (e.g., add another lock) quickly and easily.

· To add a new lock, simply "duplicate a lock" with the same attributes (pass, suite, access levels, etc.)
· You can add entirely new locks with their own master keys, attributes, etc.
· You can change existing locks so that they accept a new or different key level

· Remote Key Encoding:
Enables keycard coding from a remote location, facilitating check-in and allowing guests to receive their room keys prior to arrival.

· Guest Pre-registration:
Creates keycards for large groups of guests (conventions, weddings, etc.) weeks ahead of time. Keycards will not work in locks until designated check-in time and will not affect any current or new guest keys until that time

· Language Options:
Runs in English, French, Spanish, Italian, and Chinese simultaneously. Russian, Czech, and Arabic options are being developed

Open IR/RF Architecture
System 6000 works in conjunction with Messenger™wireless communication network and other IR- and RF-enabled devices to facilitate remote communication. These devices provide wireless communication to and from the lock and room, to a central computer. This remote capability streamlines communication to reduce costs and optimize use of time. Standard features include:
· Notifies central server when guest arrives
· Remote interrogation
· Online staff tracking
· Reports all keycard activity on the lock
· Ability to remotely re-key entire property
· Remote lock diagnostics
· Lock reports directly to a designated central server. Reports include use history, low battery indication, door ajar indication, etc.
· Provides wireless communication to and from the lock
· Creates "smart rooms" that:
  - Automatically adjust climate control
  - Monitor electricity usage
  - Maintain high security

Saflok System 6000™

Perimeter Access

To maximize perimeter security, all keycards can be programmed to provide perimeter access only to those employees and guests with valid keycards. SAFLOK even has an optional version that works with exit-device hardware for perimeter door areas.

· **Facility Access and Latch/Unlatch Capabilities:**
Keycards can be programmed to allow fully customized access to up to 12 specific areas. Areas can be automatically assigned or individually selected when keycard is encoded. Locks can be programmed to automatically unlock and re-lock at specific times, allowing passage during select times without the use of a keycard.

· **Elevator Readers:**
Readers can be installed in each elevator, allowing/prohibiting access on certain floors. Multi-channel readers allow individual control of up to 12 different floors or groups of floors with one reader.

· **Quantum RFID RCU/ECU:**
For properties that have installed the Quantum RFID lock, the Quantum RFID RCU is recommended for use in perimeter areas. The Quantum RFID RCU is a versatile stand-alone card reader controller that uses Mifare contactless smart card technology to contact-less smart card technology to work with all electrified access control devices for perimeter doors, concierge floors, common areas, and other secured areas with electrified hardware. Some features include:

· Environmentally sealed contactless smart card reader protects against climate extremes
- Optionally equipped with the messenger transceiver for centralized access control
- USB connectivity to LPI probe

- Programmable auto latch/unlatch feature eliminates need for manual Dogging
· Configurable for normally closed circuits (magnet latches) and normally open circuits (electric strikes)
· Auditable entries/attempts
· Selectable master key access
- Restricts access to guest keys after check-out date

Saflok Messenger™

SAFLOK Messenger™ is a bi-directional wireless communication network. It converts stand-alone, battery-operated door locks into a communication device (to and from the lock), to a designated server to streamline security procedures and maximize staff efficiency. It is an ideal link for sending and receiving real-time messages. With a broad range of functionality, Messenger expedites the check-in process, enhances guest convenience, reduces expenses, and conserves staff time.

System Set-up

Messenger offers an open-architecture design to enable unique customization to each property's preferences.

- Operates in conjunction with System 6000™ Windows-based operating system
- Available in both infrared (IR) and radio frequency communication formats
- Connects to existing hotel infrastructure via Ethernet, Power over Ethernet (PoE), or wireless LAN
- New RF protocol optimizes lock battery life
- Locks initiate communication to the hub upon each keycard use and check for pending messages in the hub

Features and Benefits

As a wireless control system, Messenger has numerous capabilities and offers the following benefits:

- Operates from a central location
- Fully integrates with a variety of smart room networks to accommodate energy management and other services
- Remotely performs most of the same functions as a handheld programmer, e.g. as interrogation
- Remotely reports "door ajar" messages
- Remotely cancels keys in the event of a lost master key
- Remotely adds and changes room access
- Provides detailed lock audit information and diagnostics that can be downloaded onto a central server
- Offers ability to view reports and interrogations from any remote client terminal
- Enables real-time staff locating, allowing management to monitor staff or contractors throughout the property
- Messenger gives real-time information for added security and smooth operations.

Features & Benefits

- Bi-directional wireless communication system to and from the locks to a designated central server
- Features open IR/RF infrastructure
- Energy management interface
- Remotely monitors access, disables lost keys, interrogates locks, and performs diagnostics

Saflok DeskLinc™

DeskLinc™ is the portable front desk operating system that fits in the palm of your hand. Using the latest advances in smart card technology, DeskLinc is uniquely designed to offer small and mid-size property managers all the functions and convenience of a large-property front desk system, without the need for bulky computer equipment and an elaborate set-up.

As a multi-technology system, DeskLinc is compatible with smart, magstripe, and memory media. DeskLinc is the only system on the market to offer smart/memory card capability as a standard feature at no up-charge.

The DeskLinc system anticipates property managers' needs by bringing information back from the lock by way of smart card, saving both time and money.

Features & benefits

- Small & powerful – suitable for small and mid-size property managers
- Economical
- Compatible with smart, magstrip and memory media
- Tracking features for manager to manage the staffs activity

Form and function

DeskLinc consists of a handheld unit and an insertion encoder. No computer is required to operate the system, and this system easily integrates with existing PMS structures. The insertion encoder is a multi-station-capable unit. It accurately and quickly encodes all three types of keycard media.

The handheld unit is used to program information to the keycard. Improved features and upgrades to the DeskLinc handheld unit include:

- The ability to download lock diagnostics at the door
- An enlarged backlit display screen
- A built-in emergency lock power supply (ELPS) that is now part of the handheld unit and can be used to open the door after power is restored
- An extended sign-on function that allows users to remain logged in as long as they do not sign off
- The ability to create limited-use keys with two-time-use within a set time frame
- The ability to program lock to automatically open and close at specified times
- Employee master keys can be programmed to only work during specified work hours
- Multi-station communication using existing network infrastructure
- A selectable pass option that allows for optional access authorization to specific areas

In small and mid-size properties where front desk real estate is at a premium, DeskLinc provides a compact option never before offered by other products.

Saflok DeskLinc™

Revolutionary Smart Card Technology

Tracking staff activity and ensuring more effective building management are just some of the issues easily addressed by DeskLinc. When smart and memory keycards are issued to staff, managers can track their activities throughout the property. Managers can retrieve information on all the locks visited by the employee by interrogating the smart cards at the DeskLinc unit. They do not have to waste time independently visiting each lock.

DeskLinc will identify the key, indicate the user, and when the key expires. Additional information, such as when the key was first made and its I.D. number, is also displayed.

A report of key use in the locks can also be generated. The report includes the date and time of key use, the locks the keycard attempted to open, why the keycard was not allowed to open certain doors, and which locks require battery changes or had privacy activated. All this information empowers property managers to be proactive instead of reactive.

Replace a bulky set-up with DeskLinc that fits in the palm of your hand.

DeskLinc is capable of providing up to 11 independent key levels such as:

· Guestroom level
· Suite level
· Fail-safe level
· Section level
· Floor level
· Inhibit level
· Latch/Unlatch level
· Limited-use level
· Grand master level
· Electronic lockout level
· Emergency/Security level

Specifications

Handheld

Height	1.9 (47 mm)
Depth	9.0 (228 mm)
Width	4.6 (117 mm)
Screen	LCD 128 X 64
Power	6V DC, 1A
Keycards Encoded	N/A

Insertion encoder

Height	4.9 (124 mm)
Depth	3.9 (99 mm)
Width	4 (102 mm)
Screen	N/A
Power	6V DC, 3A
Keycards Encoded	Smart, Magstripe, Memory

Saflok Encoders™

SAFLOK keycard encoders are a vital component of all access control systems. An encoder transfers / transmits access information and commands from the software to the keycard. Each system is configured to suit the unique requirements of a property. We offer a variety of keycard encoders from which to choose, ensuring that you use the right encoder to support your property's requirements.

Insertion encoder

The insertion encoder offers the sophistication, durability, and capability of a high-end smart card encoder at a fraction of the cost and size, and it encodes magstripe, smart, and memory cards.

Contactless smart card encoder

SAFLOK employs state-of-the art contactless smart card technology for contactless keycard encoding. This compact keycard reader and writer supports Mifare (ISO 14443A) keycards. It is designed for fast integration and connects to a computer via USB port. The contactless keycard encoder is used in conjunction with the Quantum™RFID sectional trim lock.

Features & benefits

- A wide range of choice to fit for different types of key card

Specifications

Height	4.9
Depth	3.9
Width	4
Screen	N/A
Power	6V DC, 3A
Keycards encoded	Magstripe, smart, and memory
Part #	CE 6100
Connectivity	USB, serial, or TCP/IP

Specifications

Height	.875
Depth	5
Width	2.875
Screen	N/A
Power	From USB port
Keycards encoded	MiFare 1K, 4K, and Ultralight
Part #	73232
Connectivity	USB

Saflok Encoders™

Motorized magstripe encoder

The three-track motorized magstripe encoder is multi-connectivity enabled, allowing it to manually or remotely encode keycards for check-in. Properties may share motorized encoders on a single network using a TCP/IP connection, or connect the encoder directly to a PC using a serial or USB connection. For optimum precision, the motorized magstripe encoder is gear-driven and uses springloaded rubber transport wheels, allowing it to adjust to varying keycard thicknesses.

Motorized smart encoder

The motorized smart encoder looks and operates much like a motorized magstripe encoder and can encode any combination of smart, magstripe, or memory keycards. Keycards that are not properly encoded or eycards with detected errors are ejected from the back of the encoder. This helps to ensure the quality of the keycard that is encoded.

Specifications

Height	3.75
Depth	7.7
Width	5.9
Screen	N/A
Power	N/A
Keycards encoded	Magstripe
Part #	CE 6000
Connectivity	USB, serial, or TCP/IP

Specifications

Height	3.75
Depth	9.9
Width	5.9
Screen	N/A
Power	N/A
Keycards encoded	Magstripe and Smart
Part #	CE 6010
Connectivity	USB, serial, or TCP/IP

Saflok Secure Shift™

Increase guest safety, optimize employee management, and improve productivity in a single device. Secure Shift™ has been designed using the most innovative technology to maximize staff keycard control.

SAFLOK understands that effective employee management can be challenging, especially in large hotels containing many rooms and luxury resorts with sprawling properties.

Secure Shift presents a detailed approach to managing employee time, attendance, and access. As a standard feature, Secure Shift is multi-technology enabled. It can read/encode smart, magstripe, and memory cards. Small, lightweight, and durable, Secure Shift leaves a minimal footprint making it an ideal fit for even the busiest spaces. Its compact design makes it ideal for easy wall mounting. When strategically installed throughout the property, Secure Shift controls access to rooms during specified work shifts.

Monitor Employee Movement
Before beginning their shifts, employees must insert their keycards into Secure Shift to obtain authorization. Employee keycards are inoperable unless authorized by Secure Shift. So not only do managers have a log of employee attendance, but there is also an added layer of security that prevents absent or off-duty employees from potentially misusing their keycard access.

A Secure Shift unit can also be used in a parking garage in conjunction with another common area lock. For example, the Secure Shift unit can be placed in the employee section of a parking garage or a gatehouse/guardhouse. Employees could be required to reauthorize their keycard before they even enter the hotel building to begin their shift for the day.

Proactively Respond to Potential Lock Issues
Hotel managers can program Secure Shift to retrieve data and various lock reports using smart and memory cards. For instance, information such as low battery warning on the locks is recorded onto the cards enabling managers to request reports on all locks with low battery indication. This kind of preventative maintenance immediately increases productivity and saves money.

Addresses Lost-key-related Concerns
Secure Shift helps ease concerns over lost keys. For example, if an employee's timed-out key is found, it would not work unless reauthorized to work by a Secure Shift unit. This feature is especially useful in the event of a lost master key, as it requires validation by a Secure Shift station before it can be used. This guards against misuse of the master key outside its intended time frame.

Specifications

Card Type Supported	Magstripe, smart, and memory keycards
Power Input	5 VDC 1.0A minmum
Connectivity	TCP/IP

Dimensions	Length	Width	Height
Without Brackets	7-3/4"	4-1/4"	1-13/16"
With Brackets	9"	5-5/16"	1-15/16"

Saflok Remote Control Unit

SAFLOK's® remote control unit (RCU) is a stand-alone electronic keycard reader designed to work with a variety of exit device applications. The reader offers the widest possible range of security and convenience. Robust, reliable and durable, the RCU is compatible with perimeter door exit devices, entry doors requiring "after-hours" admission, health clubs, spas and banquet facilities. The RCU is a MessengerTM- compliant device and can be easily integrated as part of a System 6000™design.

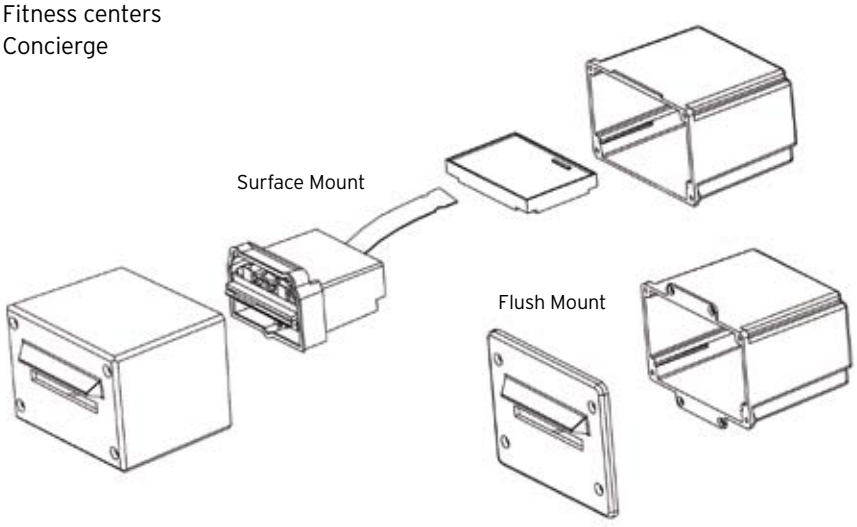
Remote control unit (RCU)
When using the RCU to control perimeter security, keycards can be programmed to allow access to select hotel employees and guests with valid keycards. The units remain locked during specific time periods and can be put into passage mode to enable all valid personnel and current residents / guests unrestricted access. As a standard feature, the RCU is multi-technology enabled.

Measuring 4.05» x 3.05» x 3.01», the RCU's reduced size is further enhanced with LED lights flush-mounted around the insertion reader slot to indicate entry or denied access.

Small, lightweight and durable, the unit leaves a minimal footprint making it an ideal fit for even the most restricted spaces. Its applications include:
· Parking arms
· Entry doors
· Pool gates
· Meeting rooms
· Fitness centers
· Concierge

Specifications

Voltage: 12-24 AC/DC
Outside Dimensions:
4.05" (w) x 3.05" (h) x 3.01" (l)
Finish: Dark mahogany



Features

· Auditable entries/attempts
· Reads smart, memory and magnetic stripe keycards
· RCU switch works with electrified locking devices
· Controls electric strikes and magnetic latches up to 24 volts AC/DC
· Auto latch/unlatch feature eliminates need for manual dogging
· SPDT 5A@30VDC relay with common, normally open and normally closed contact
· Messenger-compliant device
· Surface-mounted and flush-mounted options available

Saflok Multi-channel Elevator Control Unit (MECU)

Property access is not complete without the flexibility of the SAFLOK Multi-channel Elevator Control Unit (MECU). The MECU's most distinctive feature is that it enables up to 12 pass levels, while a standard RCU and ECU can only be programmed to permit a single pass level. The MECU card reader can be installed on each elevator and is connected to a box containing a processor circuit with up to 12 relays on it. When a card having one or more pass levels on it is read, the appropriate relay(s) will switch to allow recognition of the floor buttons that each one controls. All this translates into greater access control. Keycards can be encoded to grant access to only one of the controlled floors, all the controlled floors, or any combination in between the 12 passes.

For details, please contact our Technical sales Representetives.

Saflok Keycards

Keycards are essential components of any electronic locking solution. SAFLOK offers three types of keycard media – smart cards, memory cards and magnetic stripe cards. Keycards store information and contain commands to communicate with a lock and "tell" it how to function. Ensuring that you use the right keycard that supports your property's security requirements adds to the effectiveness of your system.

SAFLOK is the only electronic locks provider that offers multi-technology lock capability as a standard feature. All SAFLOK standard feature. All SAFLOK keycards are proprietarily encrypted to prohibit cloning.

Magnetic strip (magstripe) cards

Magnetic stripe cards contain three data tracks onto which information can be magnetically recorded and stored.

Memory and smart cards

The use of memory and smart cards in hotels are popular for the following reasons:

- The keycards store card usage data that enables employee tracking.
- Lock audit data can be downloaded to the keycard making it unnecessary to use a Lock Programmer & Interrogator (LPI) terminal and probe.
- Lock error messages can also be tagged onto the memory and smart cards.
- Variable locks can programmed on the keycards. The term variable key refers to the number of different locks/rooms that can be programmed onto one keycard.

No. of locks/rooms per keycard	
Memory Card	Variable Locks
2Kb	25
8Kb	125
64Kb	1350
Smart Card	Variable Locks
8KB	1100

Memory cards

As its name implies, a memory card is equipped with a memory chip to store SAFLOK access records and lock codes. You may choose from a variety of memory card types.

Size	Card Type	Access Records
2Kb	Memory	24
8Kb	Memory	118
64Kb	Memory	1,014

Smart cards

A smart card is an integrated circuit chip card with an electronically erasable memory and a programmable ROM. It has the ability to store more data than memory cards. Facilities typically justify the added cost of smart cards when it is intended as a one-card solution for several different applications.

A common use for smart cards is in student housing facilities where the cards are used as keycards, an ID card, as well as an electronic purse.

Size	Card Type	Access Records
8Kb	Smart	900

Saflok Safes

In today's wired world, people carry a wide array of expensive electronic devices, and they want a safe and secure place to store them when away from home. SAFLOK has the solution with a complete line of in-room safes that combine impeccable construction, security, and user-friendly operation. These safes are ideal for hotels, resorts, apartments, student housing, offices, and more.

Designed to Match Any Interior Décor

A powder coat finish adds long-lasting durability, while the smooth, rounded corners blend with any room décor. Whatever the style, SAFLOK safes come standard in silver on black, silver on silver, or ivory on ivory. Additional color options are also available at an upcharge.

Solid security and user-friendly operation

SAFLOK safes feature ease of use while offering secure storage for personal items.

Features & benefits

· High security products
· User-friendly operation
· Designed to match any interior decor

· **Programmable Personal Code Entry**
Guests choose their own personal four-digit code to lock/unlock the safe
· **Illuminated Keypad**
The energy conserving attractively illuminated keypad brightly lights the keys for easy readability and enhanced operation, even in low lit places like closets. The keypad is lit upon the first keystroke as the first digit is displayed, stays illuminated throughout operation, and quickly resumes the low power dark state as soon as the command to lock or open the safe is processed. Bulbs never need changing because solid state energy efficient LEDs are used to brilliantly light the soft touch translucent keys
· **Audit Trail – Two Options Available**
An electronic control unit (ECU) / handheld unit lets you print the last 100 entries, showing who used the safe and in which room
· **Code Blocking**
This additional safety measure guards against unauthorized use. If three attempts are made to get into the safe with an improper code, the system will automatically shut down for 15 minutes
· **Battery Override Unit**
Allows access to the safe if the guest forgets the pass code or if a battery failure occurs, so no valuables are ever trapped inside the safe
· **Electronic Master Key (Protected Master Code) and User Code**
The ECU offers a manager code and 20 user codes allowing the property to unlock the safe and override any code set by a guest
· **One-Touch Battery Audit**
Instantly obtain battery conditions by touching the # key on the digital keypad
· **Quick-Access Battery Panel**
Batteries are housed in a special slide panel inside the door for easy access. There is no need to remove the entire door cover to get to the batteries
· **Handheld Programmer**
An easy-to-use handheld unit serves as a programmer and password-protected ECU for all safes. It can be used to obtain an access audit trail and as an emergency unit to unlock the safe, if necessary

Saflok Safes

Optional features
Electronic illuminated keypad is the standard configuration. The following alternate configurations are also available:

- **Mechanical key operation only**
Uses the state-of-the-art Medeco key and cylinder locking system
- **Electronic keypad only**
Provides guests with digital access for locking and unlocking the safe. Guests choose their own personal four-, five-, or six-digit code, enter it on the keypad, shut the door, and press the close button for secure locking
- **Electronic keypad with credit card swipe**
Instead of remembering nos. guests may use a magnetic stripe credit card that writes to track 2 to lock/unlock the safe

Card swipe available on classic keypad only.

- **Electronic Keypad with credit card swipe and mechanical key override**
In case of emergency, a master key can be used to unlock the safe. All electronic safes come with an electronic override
- **Brass Plaque**
A bright brass plaque with your property's name can be affixed to the front of safes. Plaques hold up to ten characters. Only available with mechanical key override (MKOTM)
- **Mounting Pedestal**
Available with the S1, S1.5, S2, S2.5, S3, S3.5, S6, and S6.5 models

Pedestal	Height mm	Weight kg
Pedestal I	343	1½
Pedestal II	229	1

S1.5

S2

S3.5

Specifications

Model		Exterior mm HxWxD	Interior mm HxWxD	Door Opening mm HxWxD	Clear Door Opening mm HxW
Classic Keypad with swipe	Oval Keypad (no swipe)				
S1	**S1.5**	229 x 432 x 352	203 x 427 x 280	180 x 384	180 x 349
S2	**S2.5**	337 x 324 x 324	311 x 318 x 260	289 x 277	180 x 349
S3	**3.5**	553 x 380 x 433	524 x 372 x 360	508 x 333	508 x 298
S5 (Wall)	**S1.5 (Wall)**	419 x 352 x 165	413 x 346 x 95	380 x 310	355 x 277
S1	**S1.5**	203 x 495 x 394	178 x 483 x 305	158 x 449	158 x 413